

FD 667

CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

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SECURITY INFORMATION

50X1-HUM

COUNTRY	Hungary	REPORT	
SUBJECT	Radar Antenna near B�nhida	DATE DISTR.	18 August 1953
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(FOR KEY SEE REVERSE)

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A radar station is located behind the Turul Monument, on a 100-meter high rock, above the B nhida-Fels galla railroad track, leading from B nhida (Y94) to Fels galla (Z04).

Legend to the enclosed sketch of the radar antenna near B nhida:

1. Horizontal bar about 4 m. long and 10 cm. in diameter.
It seems to be supported on a ballbearing ring at the center.
2. The height of the antenna frame is about 3 m.
3. 7 dipoles, each about 60-80 cm. long with a diameter of 1.5-2 cm.
4. The width of each antenna section is about 1.7-2 m.
5. Between the first two inside dipoles of each antenna section there is a small box with the approximate dimensions of 15 by 10 cm. These boxes presumably contain equipment and from each extends a cable.
6. Main mast, 12-14 m. high.
7. Diameter of the main mast is 15-18 cm.
8. An apparatus measuring about 30 by 45 cm. is placed on the top of the mast. The apparatus presumably moves both antenna frames of the wings to the right or to the left.
9. A box about 25 by 10 cm. is attached to the mast about one meter from the base.
10. Metal base with rectangular metal supports to hold the mast in place.

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11. Main cable which enters the mast about half way up and then runs inside the mast beyond the apparatus numbered No. 8. At this point the cable branches to the right and to the left and finally terminates in the four boxes, one in each section of the antenna sections (see No. 5 on the sketch).
12. Guy wires of about 1.5 cm. in diameter to anchor the mast.
13. Cables
The conductor cable of the radar station is connected directly to the antiaircraft barracks at Bànhida (Y94).

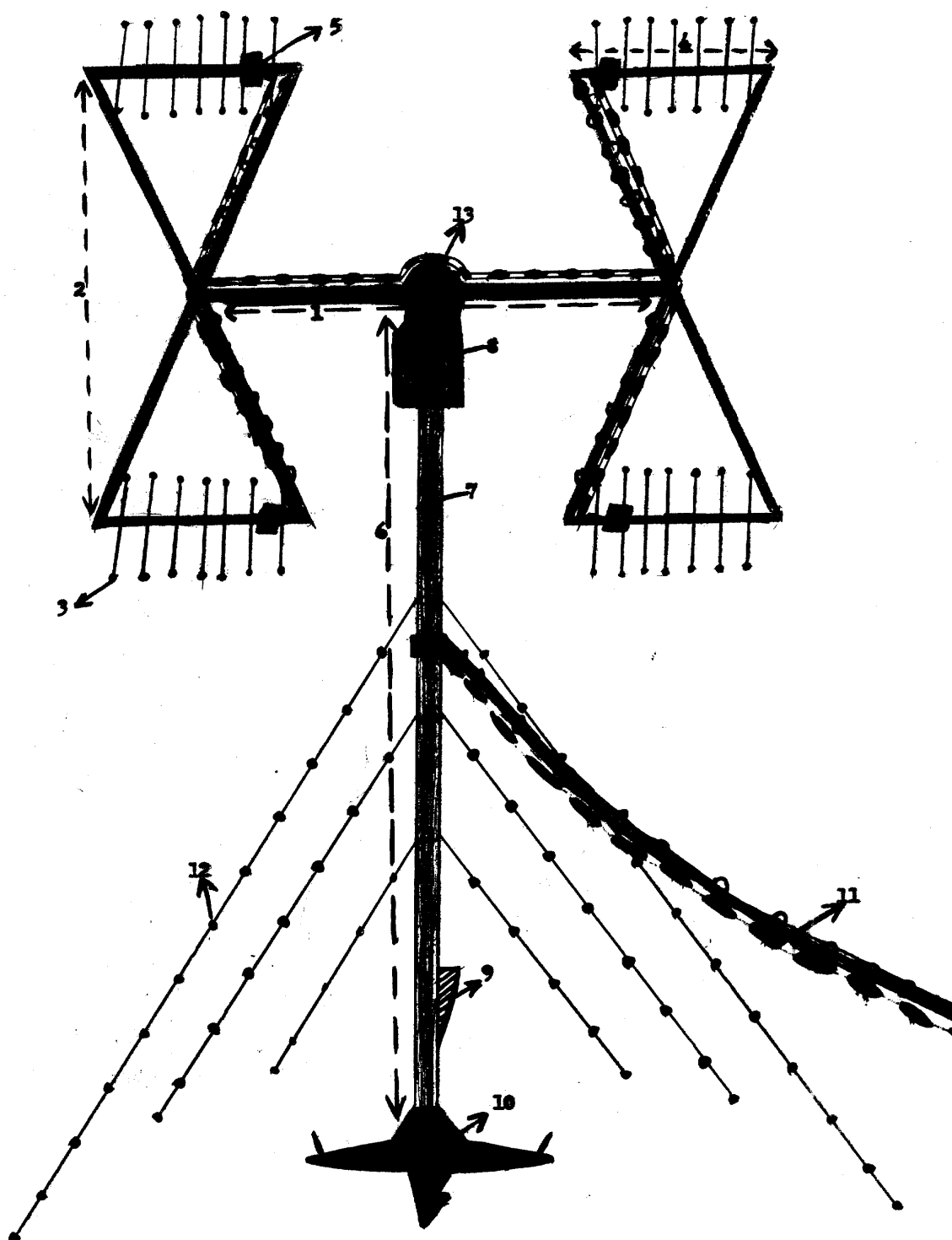
Annex: Sketch of the radar antenna near Bànhida.

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Radar Antenna near Binhida



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